

LNP-1202G-SFP Series

12-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx (30W/Port), 2*10/100/1000Tx, and 2*100/1000 SFP Slots



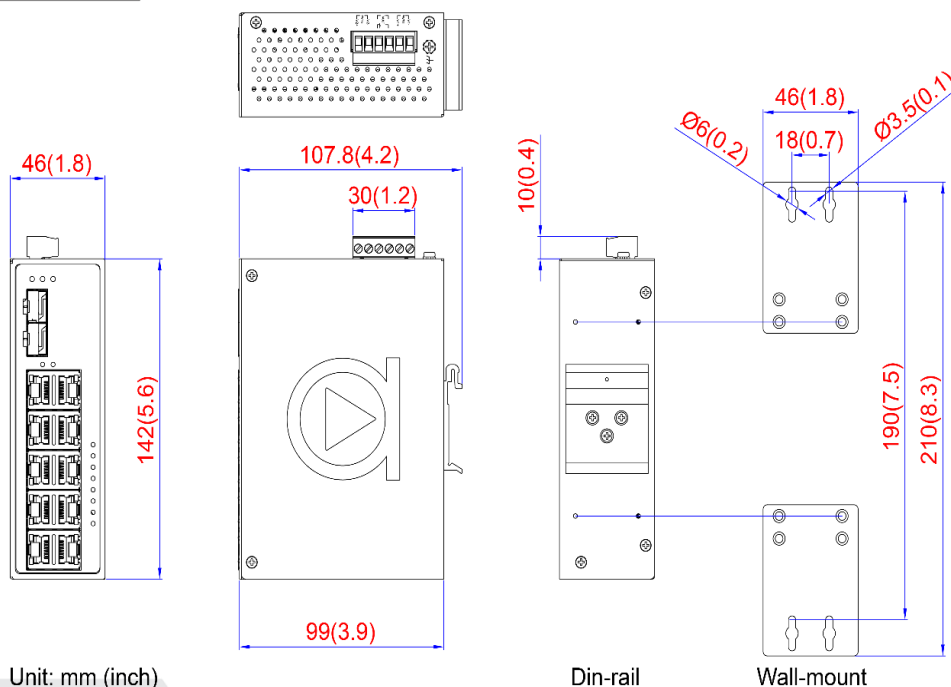
Features

- ▶ Supports 8*10/100/1000Tx IEEE 802.3at PoE+ Compliant (30W/Port), 2*10/100/1000Tx and 2*100/1000 SFP Slot
- ▶ Supports Auto MDI/MDI-X Function
- ▶ Store-and-Forward Switching Architecture
- ▶ 24Gbps Back-Plane (Switching Fabric)
- ▶ 8K MAC Address Table
- ▶ 9.6Kbytes Jumbo Frame Support
- ▶ Redundant Power Input Design: 48~55VDC
- ▶ Built-in 1 Relay Output for Power Failure warning
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ Operating Temperature Range - STD: -10° to 70°C, EOT: -40° to 75°C
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' LNP-1202G-SFP Series industrial PoE/PoE+ gigabit unmanaged Ethernet switch features 10*10/100/1000Tx ports with 8* IEEE 802.3at high power PoE (30W/Port), and 2* dual rate 100/1000 SFP slots. This product series provides high EFT and ESD protection to protect against unregulated voltage. There are also two wide-operating temperature models for either a standard temperature range (STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C), making it an ideal solution for harsh environments and industrial applications.

DIMENSIONS



SPECIFICATIONS

Technology		Mechanical Characteristics	
Standards	IEEE 802.3 10Tx Ethernet	Housing	Metal, IP30 protection
	IEEE 802.3u 100Tx Fast Ethernet	Dimension	46 x 142 x 99 mm
	IEEE 802.3ab 1000Tx Gigabit Ethernet	Weight	Unit: 1.77 lbs.; Shipping: 2.17 lbs.
	IEEE 802.3z Gigabit Fiber	Mounting	DIN-Rail mounting, Wall mounting
	IEEE 802.3af/at Power over Ethernet	Power Requirement	
Processing Type	Store and Forward	Input Voltage	48~55VDC Redundant Input
Protocol	CSMA/CD	Power Connection	1 removable 6-contact terminal block
Flow Control	IEEE 802.3x back pressure flow control	Relay Contact	24 VDC, 1A resistive
Switch Properties		Overload Current Protection	Present
Switch Architecture	Back-Plane (Switching Fabric): 24Gbps	Power Reverse Polarity Protection	Present
Transfer Rate	14,880pps for Ethernet Port	System Power Consumption	12W
	148,800pps for Fast Ethernet Port	Max PoE Power Budget	200W@48VDC, 240W@55VDC
	1,488,000pps for Gigabit Ethernet Port	Environmental Limits	
Memory Buffer	4Mbits	Operating Temperature	STD: -10° to 70°C EOT: -40° to 75°C
Jumbo Frame	9.6Kbytes	Storage Temperature	-40°C ~ 85°C
MAC Table Size	8K	Ambient Relative Humidity	5 to 95%, (non-condensing)
Port Interface		Regulatory Approvals	
Ethernet Port	10*10/100Tx RJ45 Ports with 8* IEEE 802.3at PoE+ (30W/Port)	EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
	Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	EMS	CE EN55024/EN61000-6-2, IEC61000-4-2,3,4,5,6,8
SFP Port	2*100/1000 SFP Slot	Free Fall	IEC60068-2-32
PoE Pin Out	V+, V+, V-, V-, for pin 1, 2, 3, 6 (End-span, Mode A)	Shock	IEC60068-2-27
LED Indicators	System: Power 1, Power 2, Fault	Vibration	IEC60068-2-6
	Ethernet ports: On-Link/Flash-data transmitting	Green	RoHS Compliant
	SFP: Link/Active	Certifications	FCC, CE, UL 61010-1, UL 61010-2-201, UL Class 1 Division 2, ISA 12.12.01
PoE: On-connected to PD devices	Warranty		5 Years
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m)		
	100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)		
	1000BaseTX: 4-pair UTP/STP Cat.5/5E cable EIA/TIA-568 100-ohm (100m)		

ORDERING INFO

LNP-1202G-SFP	12-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx (30W/Port), 2*10/100/1000Tx, and 2*100/1000 SFP Slots
LNP-1202G-SFP-T	12-Port Industrial PoE+ Gigabit Unmanaged Ethernet Switch, with 8*10/100/1000Tx (30W/Port), 2*10/100/1000Tx, and 2*100/1000 SFP Slots ; EOT: -40 to 75°C

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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